

MATERIAL SAFETY DATA SHEET

SECTION 1 -- PRODUCT IDENTIFICATION AND USE				
PRODUCT IDENTIFIER Lilly Miller Snail & Slug Pellets EPA REG. NO. 8119-1			PRODUCT IDENTIFICATION NUMBER (PIN)	
PRODUCT USE PELLETED SLUG AND SNAIL CONTROL				
MANUFACTURER'S NAME E.M. MATSON, JR. CO., INC.			SUPPLIER'S NAME Lilly Miller Brands	
STREET ADDRESS PO BOX 1820			STREET ADDRESS 16201 SE 98th	
CITY NORTH BEND	STATE WA		CITY Clackamas	STATE OR
POSTAL CODE 98045	EMERGENCY TELEPHONE NUMBER 1-800-858-7378		POSTAL CODE 97015	
SECTION 2 -- HAZARDOUS INGREDIENTS				
HAZARDOUS INGREDIENTS	%	CAS NUMBER	LD ₅₀ OF INGREDIENT	LC ₅₀ OF INGREDIENT
METALDEHYDE	2%	9002-91-9	N/A	N/A
ACETALDEHYDE	****	75-07-0	N/A	N/A
****LESS THAN .1%				
SECTION 3 -- PHYSICAL DATA				
PHYSICAL STATE PELLETS	ODOR AND APPEARANCE TAN, PELLETED - ODOR OF GRAIN		ODOR THRESHOLD (PPM) N/A	
VAPOR PRESSURE (mm Hg) N/A	VAPOR DENSITY (AIR=1) N/A	EVAPORATION RATE N/A	BOILING POINT (°C) N/A	
pH N/A	SPECIFIC GRAVITY N/A	COEFF. WATER/OIL DIST. N/A	FREEZING POINT (°C) N/A	
SECTION 4 -- FIRE AND EXPLOSION DATA				
FLAMMABILITY IF YES, UNDER WHICH CONDITIONS? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				
MEANS OF EXTINCTION DRY CHEMICAL, WATER, CO ₂				

FLASHPOINT (°C) AND METHOD N/A	UPPER FLAMMABLE LIMIT (% BY VOLUME) N/A	LOWER FLAMMABLE LIMIT (% BY VOLUME) N/A
AUTOIGNITION TEMPERATURE (°C) NOT KNOWN - N/A	HAZARDOUS COMBUSTION PRODUCTS - MAY PRODUCE TOXIC VAPORS/ FUMES OF PARALDEHYDE, ACETALDEHYDE AND OXIDES OF CARBON	
EXPLOSION DATA N/A	SENSITIVITY TO IMPACT N/A	SENSITIVITY TO STATIC DISCHARGE N/A

SECTION 5 -- REACTIVITY DATA

CHEMICAL STABILITY [x] YES [] NO	IF NO, UNDER WHICH CONDITIONS?
INCOMPATIBILITY WITH OTHER SUBSTANCES [x] YES [] NO	IF SO, WHICH ONES? OXIDIZING AGENTS
REACTIVITY, AND UNDER WHAT CONDITIONS HEAT (DECOMPOSITION PRODUCTS OF METALDEHYDE ARE PARALDEHYDE AND ACETALDEHYDE, OF WHICH THE TOXICITY IS KNOWN. ACETALDEHYDE MAY BE OXIDIZED TO ACETIC ACID WHICH MAY CATALYZE THE DECOMPOSITION OF METALDEHYDE.)	
HAZARDOUS DECOMPOSITION PRODUCTS THERMAL DECOMPOSITION MAY PRODUCE TOXIC VAPORS/ FUMES OF PARALDEHYDE, ACETALDEHYDE, OTHER ORGANIC MATERIALS AND OXIDES OF CARBON.	

SECTION 6 -- TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY SKIN CONTACT [X] SKIN ABSORPTION [] EYE CONTACT [X] INHALATION [X] INGESTION [X]			
EFFECTS OF ACUTE EXPOSURE TO PRODUCT SALIVATION, VOMITING, NAUSEA, ACETONURIA, CONVULSIONS, INCREASED BODY TEMPERATURE, DEPRESSION OF MEDULLARY, RESPIRATORY AND VASOMOTOR CONTROL CENTERS, COMA. MAY BE FATAL. OVEREXPOSURE MAY AGGRAVATE EXISTING LIVER, KIDNEY AND BRAIN CONDITIONS.			
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT N/A			
EXPOSURE LIMITS N/A	IRRITANCY OF PRODUCT N/A	SENSITIZATION TO PRODUCT N/A	CARCINOGENICITY YES - ACETALDEHYDE
TERATOGENICITY N/A	REPRODUCTIVE TOXICITY N/A	MUTAGENICITY N/A	SYNERGISTIC PRODUCTS N/A

SECTION 7 -- PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT		
GLOVES (SPECIFY) LATEX OR RUBBER	RESPIRATOR (SPECIFY) NOT GENERALLY NEEDED FOR OUTDOOR USE	EYE (SPECIFY) SAFETY GLASSES WITH SIDE SHIELDS

FOOTWEAR (SPECIFY) N/A	CLOTHING (SPECIFY) LONG SLEEVED SHIRT	OTHER (SPECIFY) N/A
ENGINEERING CONTROLS (SPECIFY, EG. VENTILATION, ENCLOSED PROCESS) N/A		
LEAK AND SPILL PROCEDURE CAREFULLY SHOVEL SPILLS INTO APPROPRIATE CONTAINERS FOR DISPOSAL. AVOID GENERATING DUST. WET RESIDUE WITH WATER AND ABSORB WITH INERT MATERIAL (SAND, EARTH, ETC.) AND TRANSFER INTO APPROPRIATE CONTAINERS FOR RECOVERY OR DISPOSAL. KEEP SPILL OUT OF SEWERS AND OPEN BODIES OF WATER.		
WASTE DISPOSAL DO NOT REUSE CARTON. DISCARD CARTON IN TRASH. SECURELY WRAP ORIGINAL CONTAINER IN SEVERAL LAYERS OF NEWSPAPER AND DISCARD IN TRASH. DISPOSE OF IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.		
HANDLING PROCEDURES AND EQUIPMENT N/A		
STORAGE REQUIREMENTS STORE IN COOL, DRY, LOCKED LOCATION OUT OF DIRECT SUNLIGHT, IN ORIGINAL CONTAINER AND NOT ACCESSIBLE TO CHILDREN OR PETS. AVOID CONTAMINATION OF FEED AND FOODSTUFFS.		
SPECIAL SHIPPING INFORMATION N/A		
<h2 style="text-align: center;">SECTION 8 -- FIRST AID MEASURES</h2>		
EYES - FLUSH EYES WITH PLENTY OF WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.		
SKIN - WASH AFFECTED AREAS WITH PLENTY OF WATER, AND SOAP IF AVAILABLE, FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.		
INGESTION - IF SWALLOWED, IMMEDIATELY GIVE 3-4 GLASSES OF WATER. DO NOT INDUCE VOMITING. IF VOMITING OCCURS, GIVE FLUIDS AGAIN. GET IMMEDIATE MEDICAL ATTENTION. HAVE PHYSICIAN DETERMINE IF PATIENT'S CONDITION ALLOWS INDUCTION OF VOMITING OR EVACUATION OF STOMACH. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON.		
INHALATION - REMOVE FROM AREA TO FRESH AIR. IF NOT BREATHING, CLEAR AIRWAY AND START ARTIFICIAL RESPIRATION. IF VICTIM IS HAVING TROUBLE BREATHING, GIVE SUPPLEMENTAL OXYGEN, IF AVAILABLE. GET IMMEDIATE MEDICAL ATTENTION.		
NOTE TO PHYSICIAN - ACCORDING TO HSDB, ADMINISTRATION OF DIAZEPAM OR CLONIDINE 20 MINUTES AFTER INGESTION OF 1000 MG/KG BY MICE DELAYED THE ONSET OF SYMPTOMS AND REDUCED MORTALITY. THEREFORE, DIAZEPAM AND CLONIDINE MAY BE APPROPRIATE ANTIDOTES TO REDUCE THE SYMPTOMATOLOGY OF METALDEHYDE INGESTION.		
<h2 style="text-align: center;">SECTION 9 -- PREPARATION DATE OF MSDS</h2>		
PREPARED BY - DAVE GRASSMAN/SSD	PHONE - 425-888-6212	DATE - JANUARY 1, 2000